**Recommendation System: Gaming**

***Team 12***

Project by:

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1. Modules installed:

* **Orange**
* **Operator**
* **Logistic Regression**
* **SVM**
* **Cross Validation**
* **Grid Search CV**
* **Blocking Scheduler**
* **Tweepy**
* **Sys**
* **JSON**

1. How to run a code:

* Get data using **twitter\_data\_getter.py**
* Implement **SVM.py** to perform SVM Analysis and Retrieve Positive and Negative Tweets, also to find top 10 keywords.
* Now open clustering Folder and implement **k\_means\_q2.py** to generate clusters for word cloud
* Implement **Association.py** to get recommendation

1. File and Folder Descriptions:

* The untitled1 folder contains files as follows: -
  + Clustering Folder-
    - K\_means\_q2.py- **to form clusters**
    - Question2\_cluster-0.txt to Question2\_cluster1.txt – **cluster tweets from 0 to 9.**
    - Unique\_data.txt – **unique twitter data.**
  + Albany\_AB.txt- **Raw tweets collected from Twitter**
  + Association.py- **to give recommendation**
  + data.basket- **automatically created by association.py**
  + Labeled\_tweets.txt- **Manually analyzed tweets**
  + Predicted\_tweets.txt- **automatically created by SVM.py**
  + Raw\_data\_unique.txt- **Twitter data**
  + SVM.py- **perform SVM**
  + Twitter\_data\_getter.txt- **got tweets from twitter**
  + Unlabeled\_tweets.txt- **Testing Tweets**